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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 06327/LH |
| INTERNATIONAL APPLICATION NO. PCT/JP2005/018661 | INTERNATIONAL FILING DATE 07 OCTOBER 2005 | U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/582067 |
| PRIORITY DATE CLAIMED 14 OCTOBER 2004 | | |
| TITLE OF INVENTION SHORT RANGE RADAR SMALL IN SIZE AND LOW IN POWER CONSUMPTION AND CONTROLLING METHOD THEREOF | | |
| APPLICANT(S) FOR DO/EO/US Tasuku TESHIROGI; Masaharu UCHINO; Sumio SAITO & Masanori EJIMA. | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the International application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: | | |

13 sheets formal drawings (Figs. 1-16); Change of correspondence address; Request for Pub. Of Assignment Information; forms PCT/IB/306; PCT/IB/311; 1st page Int. appln; PCT/ISA/237; PCT Request.

Express Mail Label No. EV 919 338 758 US

Date of Deposit: June 8, 2006

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above with sufficient postage, and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450

Barbara Villani

AP3 Rec'd PCT/PTO 08 JUN 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007. OMB 0851-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|---|--------------|---|---------|--------------------------------------|---------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/582067 | | INTERNATIONAL APPLICATION NO. PCT/JP2005/018661 | | ATTORNEY'S DOCKET NUMBER 06327/LH | |
| The following fees have been submitted | | | | CALCULATIONS | |
| 21. <input checked="" type="checkbox"/> Basic national fee..... \$300 | | | | \$ | 300.00 |
| 22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200 | | | | \$ | 200.00 |
| 23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the International application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500 | | | | \$ | 400.00 |
| TOTAL OF 21, 22 and 23 = | | | | \$ | 900.00 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| - 100 = | /50 = | | x \$250 | \$ | .00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)). | | | | \$ | .00 |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | |
| Total claims | 22 - 20 = | 2 | x \$ 50 | \$ | 100.00 |
| Independent claims | 2 - 3 = | 0 | x \$200 | \$ | .00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360 | \$ | .00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | 1000.00 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | | | | |
| SUBTOTAL = | | | | \$ | 1000.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(l)). | | | | \$ | .00 |
| TOTAL NATIONAL FEE = | | | | \$ | 1000.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$ | 40.00 |
| TOTAL FEES ENCLOSED = | | | | \$ | 1040.00 |
| | | | | Amount to be refunded: | \$.00 |
| | | | | Amount to be charged: | \$.00 |
| <p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-1378</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> | | | | | |
| <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>CUSTOMER NO. 01933</p> <p>Leonard Holtz Frishauf, Holtz, Goodman & Chick P.C. 220 5TH AVE FL 16 NEW YORK NY 10001-7708</p> <p>LH:bv</p> | | | | | |
| | | | | SIGNATURE | |
| | | | | NAME | Leonard Holtz |
| | | | | REGISTRATION NUMBER | 22,974 |

Attorney Docket No. 06327/LH

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**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Date of Deposit: June 8, 2006

Applicant(s): T. TESHIROGI et al

Serial No. : National Phase of
PCT/JP2005/018661

Filed : Herewith

For : SHORT RANGE RADAR
SMALL IN SIZE AND
LOW IN POWER
CONSUMPTION AND
CONTROLLING METHOD
THEREOF

Art Unit :
Examiner :

I hereby certify that this paper is
being deposited with the United States
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on the date indicated above and is
addressed to the Commissioner for
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Alexandria, VA 22313-1450


Barbara Villani

In the event that this Paper is late
filed, and the necessary petition for
extension of time is not filed
concurrently herewith, please consider
this as a Petition for the requisite
extension of time, and to the extent not
tendered by credit card payment attached
hereto, authorization to charge the
extension fee, or any other fee required
in connection with this Paper, to Account
No. 06-1378.

**REQUEST FOR PUBLICATION OF
ASSIGNMENT INFORMATION**

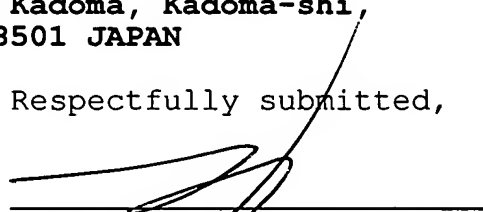
Commissioner for Patents
P.O. Box 1450,
Alexandria, VA 22313-1450

S I R :

It is requested that the following assignment information be
published as part of the 18 month publication of the present
application:

- (1) **Anritsu Corporation**
5-1-1, Onna, Atsugi-shi,
Kanagawa 243-8555 JAPAN
- (2) **Matsushita Electric Industrial Co., Ltd.**
1006, Oaza Kadoma, Kadoma-shi,
Osaka 571-8501 JAPAN

Respectfully submitted,


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10/582067
AP3 Rec'd PCT/PTO 08 JUN 2006

TRANSLATION

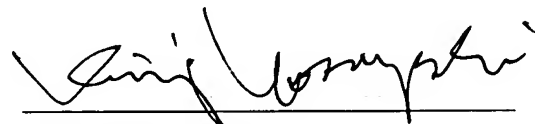
I, Kenji Kobayashi, residing at 2-46-10 Goko-Nishi, Matsudo-shi, Chiba-ken, Japan,
state:

that I know well both the Japanese and English languages;

that I translated, from Japanese into English, the description, claims, abstract and
drawings of International Application No. PCT/JP2005/018661, filed October 7,
2005;

that the attached English translation is a true and accurate translation to the best
of my knowledge and belief.

Dated: May 2, 2006

A handwritten signature in black ink, appearing to read 'Kenji Kobayashi', written over a horizontal line.

Kenji Kobayashi